

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

**Certification**

**Issued Under the Authority of the  
Federal Communications Commission**

**By:**

**Bay Area Compliance Laboratory Corp.  
1274 Anvilwood Avenue  
Sunnyvale, CA 94089**

**Date of Grant: 11/30/2016**

**Application Dated: 11/30/2016**

**ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD**

**456 Bibo Road Room A201**

**Shanghai, 201203**

**China**

**Attention: Minjie Cai**

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** 2AC7Z-ESPWROOM32  
**Name of Grantee:** ESPRESSIF SYSTEMS (SHANGHAI)  
PTE LTD  
**Equipment Class:** Digital Transmission System  
**Notes:** Wi-Fi & Bluetooth Module  
**Modular Type:** Single Modular

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	<b>15C</b>	<b>2402.0 - 2480.0</b>	<b>0.004</b>		
	<b>15C</b>	<b>2412.0 - 2462.0</b>	<b>0.046</b>		

Modular approval. Output power listed is conducted. This grant is valid only when the module is sold to OEM or OEM integrators. Modular approval for use as a module in mobile-only RF exposure conditions. The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located with any other transmitters, except in accordance with FCC multi-transmitter product procedures. Compliance of this device in all final host configurations is the responsibility of the Grantee. End-users must be provided with specific information required to satisfy RF exposure compliance for the final host device. Installation of this device into portable RF Exposure category host devices requires the submission of a Class II permissive change or new application. The device supports 20 MHz and 40 MHz bandwidth modes.

